

Abstract of the Disclosure

A method for allocating corresponding identity (ID) to each of a plurality of base station controllers (BSC) and each of a plurality of base transceiver stations (BTS) in an international mobile telecommunication-2000 (IMT-2000) system including the plurality of BSCs, the plurality of BTSs and an OMC (OMC = operating and maintenance center) for managing the plurality of BSCs and the plurality of BTSs includes the steps of: by the OMC, determining if system initialization is performed; if the system initialization is not performed, going to the step a), otherwise by the OMC, transmitting BSC ID allocation data to all the BSCs coupled to the OMC and allocating corresponding specific BSC identities (IDs) and corresponding group IDs to all BSCs; by each of the plurality of BSCs, receiving the BSC ID allocation data from the OMC and recognizing a corresponding specific BSC ID and a corresponding group ID allocated to each BSC by analyzing the BSC ID allocation data; by each of the plurality of BSCs, transmitting BTS ID allocation data to all BTSs coupled to each BSC and allocating corresponding specific BTS IDs to all the BTSs; and by each of the plurality of BTSs, receiving the BTS ID allocation data from the BSC and recognizing corresponding specific BTS IDs allocated to each BTS by analyzing the BTS ID allocation data.